

## Datasheet: VPA00320KT

<b>Description:</b>	N-Myc ANTIBODY WITH CONTROL LYSATE
<b>Specificity:</b>	N-Myc
<b>Format:</b>	Purified
<b>Product Type:</b>	PrecisionAb Polyclonal
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	2 Westerns

### Product Details

#### Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	▪			1/1000

**PrecisionAb antibodies have been extensively [validated for the western blot application](#).** The antibody has been validated at the suggested dilution. Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependant on sample type.

#### Target Species

Human

#### Species Cross Reactivity

Reacts with: Mouse

**N.B.** Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

#### Product Form

Ig fraction - liquid

#### Preparation

20µl Rabbit Ig fraction prepared by ammonium sulphate precipitation

#### Buffer Solution

Phosphate buffered saline

#### Preservative Stabilisers

0.09% Sodium Azide (NaN<sub>3</sub>)

#### Immunogen

KLH-conjugated synthetic peptide corresponding to aa 322-351 of human N-Myc

<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">P04198</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">4613</a>    MYCN    <a href="#">Related reagents</a></p>
<b>Synonyms</b>	BHLHE37, NMYC
<b>Specificity</b>	<p><b>Rabbit anti Human N-Myc antibody</b> recognizes N-Myc, also known as v-myc avian myelocytomatosis viral oncogene neuroblastoma derived homolog, class E basic helix-loop-helix protein 37, neuroblastoma MYC oncogene, neuroblastoma-derived v-myc avian myelocytomatosis viral related oncogene and oncogene NMYC, pp65/67.</p> <p>The MYCN gene is a member of the MYC family and encodes N-Myc, a protein with a basic helix-loop-helix (bHLH) domain. This protein is located in the nucleus and must dimerize with another bHLH protein in order to bind DNA. Amplification of MYCN is associated with a variety of tumors, most notably neuroblastomas (provided by RefSeq, Jul 2008).</p> <p>Rabbit anti Human N-Myc antibody detects a band of 50 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p>
<b>Western Blotting</b>	Anti N-Myc detects a band of approximately 50 kDa in HEK293 cell lysate
<b>Instructions For Use</b>	Please refer to the <a href="#">PrecisionAb western blotting protocol</a> . For additional information on secondary antibody dilution and exposure time see product web page.
<b>Lysate Composition</b>	400µg HEK293 lysate lyophilized in RIPA buffer
<b>Lysate Reconstitution</b>	<p>- If using DDT reconstitute the lyophilized lysate with 190µl DI H<sub>2</sub>O, add 200µl 2x Laemmli Sample Buffer and 10µl 2M DTT.</p> <p>- If using BME reconstitute the lyophilized lysate with 180µl DI H<sub>2</sub>O, add 200µl 2x Laemmli Sample Buffer and 20µl BME.</p> <p>Heat at 95°C for 5 minutes. For 10 well mini gels load 25µl. For other gel and comb formats please refer to the PrecisionAb western blotting protocol.</p>
<b>Storage</b>	<p>Antibody: Store undiluted at -20°C, avoiding repeated freeze thaw cycles.</p> <p>Lysate: Store lyophilized lysate at -20°C. After reconstitution aliquot and store at -20°C for up to 3 months or at -80°C for longer term storage.</p>
<b>Guarantee</b>	As supplied, 12 months from date of despatch
<b>Acknowledgements</b>	PrecisionAb™ is a trademark of Bio-Rad Laboratories
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10040 #10561 available at: Antibody (10040): <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf</a>

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**Regulatory**

For research purposes only

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## Related Products

### Recommended Secondary Antibodies

Goat Anti Rabbit IgG (H/L) (STAR208...) [HRP](#)

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Look out for updates on how to access your digital version at [bio-rad-antibodies.com](https://www.bio-rad-antibodies.com)

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